

#427

159099

STATE OF MONTANA )  
COUNTY OF CARBON ) SS.

Office of the County Clerk & Recorder.

I hereby certify that the within  
Appropriation was filed  
for record in my office this 26 day  
of December A. D. 19 63  
at 3:40 o'clock P. M.

Attest my hand and the seal of  
said County

Frank Danclik  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

File No. 110.0

1958 JAN 22

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level) 4,060

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Land Management Address 3310 4th Avenue North  
Billings, Montana 59101  
Driller Chris Hadland Address Carter, Montana

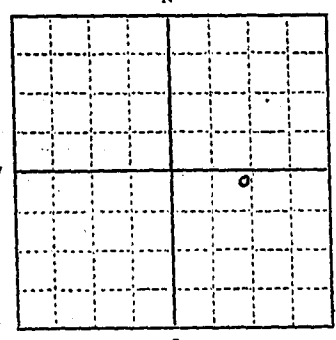
Date of Notice of Appropriation of Groundwater  
Date well started May 5, 1958 Date Completed May 28, 1958

Type of well Drilled Equipment Used Cable tool  
(dug, driven, bored or (Churn, drill, rotary or drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 inch I.D. Standard black steel			3/16" width by 3" in length	115	123
				Torch	150	160



NE 1/4 Sec 20 T9 S R 22 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 45 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 100 feet at 31 gal. per minute

Discharge in gal. per min. of flowing well

How Tested Bailing Length of Test four (4) hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) Pea size gravel used around casing. Concrete platform installed at well site. Packers were placed above the 116' and 150' levels.

3  
Driller's License Number  
Chris Hadland  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

43.803



File No. \_\_\_\_\_

T 9S R 22E

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

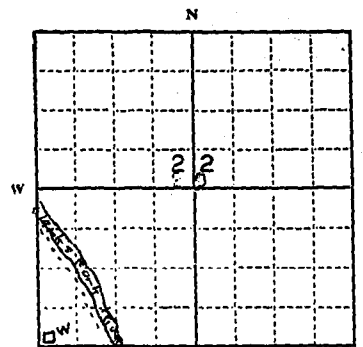
# Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, QUINCE E. CHANCE, of Belfry (Name of Appropriator) (Address) (Town)  
County of Carbon, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is for stock water and a well for domestic use from a series of springs carrying underground seepage above  
(describe lands to be benefited, if for irrigation)  
the West bank of the Clarke Fork River in Lot Three, Section Twenty, Township Nine South, Range Twenty-two East, M.P.M.
3. The rate of use in gallons per minute or miner's inches of groundwater claimed approximately 300 miner's inches
4. The annual period (inclusive dates) of intended use year-round
5. The probable or intended date of first beneficial use February 1954
6. The probable or intended date of commencement and completion of the well\* or wells\* February 1954
7. The location, type, size and depth of well or wells contemplated Lot Three, Section Twenty, Township Nine South, Range Twenty-two East, M.P.M., 6" steel casing, 32 feet deep
8. The probable or estimated depth of the water table or artesian aquifer 28 feet
9. Name, address and license number of the driller engaged Self

10. Give such other similar information as may be useful

in carrying out the policy of this act.



... Springs  
w Well  
□ Home

Lot 3 in SW 1/4 Sec. 22, T. 9S, R. 20E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Date October 14, 1962

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,779



#1257 176329

STATE OF MONTANA,  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 14 day  
of Oct. A. D. 19 69  
at 3:00 o'clock P. M.

Attest my hand and the seal of

County Clerk Frank Daniels

Clerk of the County

by \_\_\_\_\_ Deputy

Fees \$ 2.00

GW 2

File No.

1229

DUPLICATE

LOG

Top of Ground

(Elev. above sea level)

Approved Stock Form—State Publishing Co., Helena, Montana—46805

T 9 R 22

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

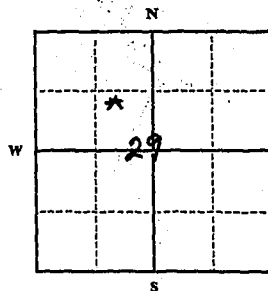
Owner Chas Walker Address Belfrey MontDriller B. H. Drilling Address Fish Lake Mont

Date of Notice of appropriation of groundwater

Date well started 9/9/68 Date completed 9/9/68Type of well Drilled Equipment used Churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8	21	38 1/2	Torch Cutter	32	38
	280 wall			1/8 X 6		

Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 35 feeta. 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Gor Lot 5

1/4 Sec 29 T. 9 R. 22  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

48 ft.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

No 27  
Driller's License NumberRed L Hagan  
Driller's Signature

44,952



File No.  
DUPLICATE

T. 9 S. R. 22 E.  
County. CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws 1961)

Owner ELMER WELCH Address BELLEVILLE MONT.

Driller ROY PIERCE Address BELLEVILLE MONT.

Date of Notice of Appropriation of Groundwater.....

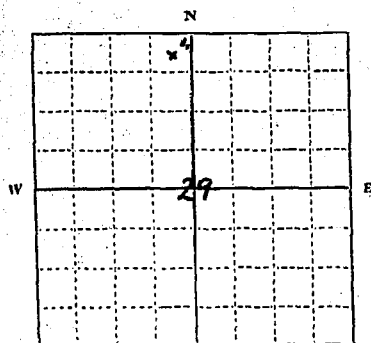
Date well started Aug 4 1969 Date Completed Aug 7 1969

Type of well Drilled Equipment Used CHURN DRILL  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8	6 7/8 18#	0	37'			



Lot 1  
Sec. 29 T. 9. R. 22  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 22' feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 30 feet at 1.0 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested BAILER Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information; including number of acres irrigated, if used for irrigation).....

MONT-170  
Driller's License Number

Roy Pierce  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,786

176593

STATE OF MONTANA  
COUNTY OF CARBON, SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed  
for record in my office this 24th day  
of October A. D. 1969  
at 2:30 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Alvin B. B...

RECORDS & DEEDS  
COUNTY OF CARBON  
MONTANA

RECORDED FOR RECORD OF NEW  
MONTANA

33. 12. 1969

INDEXED  
FILED  
RECORDED

RECORDS & DEEDS  
COUNTY OF CARBON  
MONTANA

DATE	TIME	FILED	RECORDED	INDEXED
10/24/69	2:30	P		



File No. 426

DUPLICATE

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

REGULATORY ADMINISTRATOR OF GROUNDWATER CODE

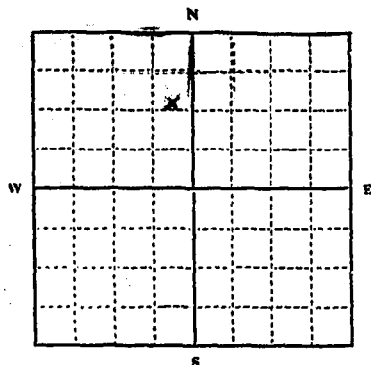
OFFICE OF STATE ENGINEER

JAN 26 1968

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Hergett Brothers, of Bellevue  
 (Name of Appropriator) (Address) (Town)  
Carbon County of Montana State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 30, T. 10 R. 22 E

Indicate point of appropriation  
 and place of use, if possible. Each  
 small square represents 10 acres.

2. The beneficial use on which the claim is based. Stock-  
water and domestic use
3. Date or approximate date of earliest beneficial use; and how continu-  
 ous the use has been. 1950  
daily
4. The amount of groundwater claimed (in miner's inches or gallons  
 per minute). 25 gal per min.
5. If used for irrigation, give the acreage and description of the lands  
 to which water has been applied and name of the owner thereof  
N/A
6. The means of withdrawing such water from the ground and the loca-  
 tion of each well or other means of withdrawal. electric  
pump Lot 1 Sec. 30
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
 drawal of groundwater. 1950
8. The depth of water table. 12 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
 works for the withdrawal of groundwater. hard water--- 6 inch casing--- depth 58 ft
10. The estimated amount of groundwater withdrawn each year. 20,000 gal.
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
 reference to book and page of any county record.

Signature of Owner

Hergett Bros. Inc.  
Edward H. HergettDate Dec. 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

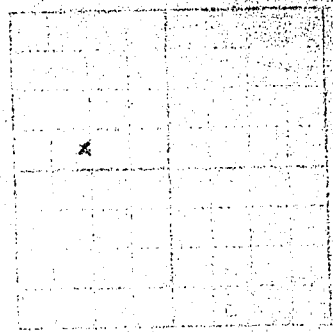
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
 Mines and Geology, and Quadruplicate for the Appropriator.

43, 243

#426

159098



RECORDED & INDEXED  
JAN 2 1964  
COUNTY CLERK'S OFFICE  
CARRISBURG, MISSOURI

STATE OF MISSOURI  
COUNTY OF CARRISBURG  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 26 day  
of Dec. A. D. 19 63  
at 3:35 o'clock P. M.

Attest my hand and the seal of  
said County  
Frank Daniluk  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**C. W. MICHAELSON and V. L. MICHAELSON,**  
husband and wife

Owner

Address Billings, Montana

For Administrator's Use

File 180936  
March 10, 1971  
2:50 PM

Date well started ~~October~~...1969

GW 1

completed ~~January~~ July, 1969

Type of well dug and drilled

.....  
(Dug, driven, bored or drilled)

Equipment used Back hoe and auger

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

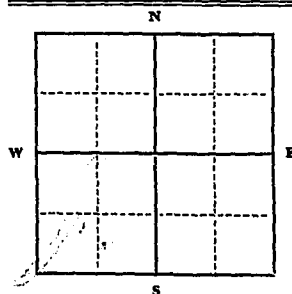
**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

and Addition). Lot 10, Sec. 31, T2, R20.

Mr. E. J. A. (None-educated)

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" 16 gauge	16	20	4"	16'	20'



Static water level .....16.....ft.\*  
Pumping water level .....12.....ft.\*  
at .....60.....gallons per minute,  
measured .....15.....minutes after pumping  
began.

\*Measured from ground level.  
Well developed by rebb drilling  
for 48 hours.

Power. elec. Pump 1 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

**SW 1/4 SE 1/4 Sec. 31**

T. 9 R. 22 E. 5

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

**LICENSE NO**

## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level) 4,000

[illegible]

201

Show exact depth of bottom

48507

C. W. ROBERTSON and V. L. ROBERTSON

Owner husband and wifeAddress Billings, MontanaDate well started October, 1969  
completed July, 1969

For Administrator's Use	
File	<u>180956</u> <u>March 10, 1971</u> <u>2:50 PM</u>
GW 1	

Type of well Aug and drilled

(Dig, driven, bored or drilled)

Equipment used Back hoe and auger

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

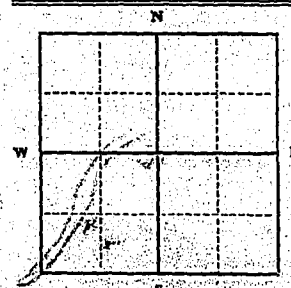
\*Describe

USE: If used for irrigation, industrial, drainage or other Explain, state number of acres and location or other data (i.e. Lot, Block

and (Addition): Lot 10, Sec. 31, Twp 9 So.R. 22 E., N. 2 E.M. (None-adjusted)

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>4"</u>	<u>16 gauge</u>	<u>16</u>	<u>20</u>	<u>3"</u>	<u>16'</u>	<u>20'</u>



SW 1/4 SE 1/4 Sec. 31  
T. 9 R. 22 E.  
S

Static water level 16 ft.\*  
 Pumping water level 12 ft.\*  
 at 60 gallons per minute,  
 measured 15 minutes after pumping  
 began.

\*Measured from ground level.  
 Well developed by Webb drilling  
 for 48 hours.

Power elec. Pump 1 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
 EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature J. Dean WebbDriller's Address Bellevue, Montana 57004LICENSE NO. None20'

Show exact depth of bottom

48507

180936

COUNTY OF CARBON, SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Auto. Application was filed  
for record in my office this 10th day  
of March A. D. 1921  
at 2:50 o'clock P. M.

Attest my hand and the seal of  
said County:  
FRANK DANICHEK, COUNTY CLERK  
by Olive E. Graves Deputy

Fees \$ 2.00

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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T 9S R 22E

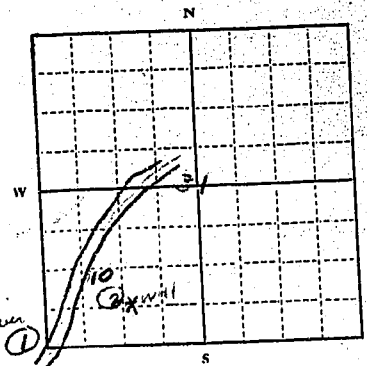
County Carbon

File No. 180935  
 Doc. No. DUPLICATE  
 Filed for record  
 this 10 day of March  
 A. D. 1971 at 2:45  
 o'clock P. M.

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

**Notice of Appropriation of Groundwater**  
 (Under Chapter 237, Montana Session Laws, 1961)

- I, C. W. MICHAELSON of 1747 Avenue D Billings  
 (Name of Appropriator) (Address) (Town)  
 County of Yellowstone, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is for domestic, irrigation, and stock purposes.  
 (describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 60 gallons per minute
- The annual period (inclusive dates) of intended use Year-round use.
- The probable or intended date of first beneficial use July 1969.
- The probable or intended date of commencement and completion of the well\* or wells\* June 1969.
- The location, type, size and depth of well or wells contemplated Well is located in Lot 10; Section 31, Township 9 South, Range 22 East, M.P.M. Casing is 4 feet in diameter and depth of well is 20 feet.
- The probable or estimated depth of the water table or artesian aquifer 6 feet.
- Name, address and license number of the driller engaged None Dean Webb, Bellevue, Montana.
- Give such other similar information as may be useful in carrying out the policy of this act.  
This well is supplied by an underground water table - it does not draw any water from Clark's Fork River. Bottom of well is approximately 6' above normal river flow.



1. Clark's Fork River
2. Well ②

Lot 10, Sec. 31, T9S, R. 22E  
 Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Date January 20, 1970.

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

48526

180935 Reception #

GW 3  
File No. 731

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

T 9 S R 22 E  
County of CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

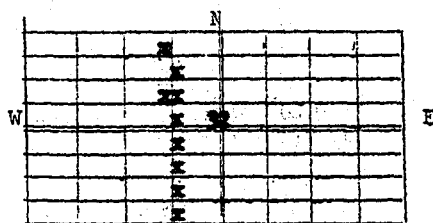
Date of Appropriation of Groundwater 1891

Owner LILLIAN ANN CLARK Address 365 Carol Drive  
Great Falls, Montana

Contractor (if any) None

Address of Contractor None

Date Started \_\_\_\_\_ Date Completed 1891



Lot 4, SE 1/4, Sec. 32, T 9 S, R 22 E  
Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable  
various springs at all normal flow

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use  
used continuous - normal flow

Signature of Owner Lillian Ann Clark  
Date 12/31/63

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 31st day of December, 19 63

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19 \_\_\_\_\_

42,959

#731

159434

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 19 63  
at 1:22 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK  
Clerk and Recorder

By Alice E. Graves Deputy

Fees \$ 2.00

Civil  
File No. 732

T 9 N

R 22 E

32

MONTANA WATER RESOURCES BOARD

County

CARBON

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
JAN 26 1963  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. WILLIAM ANN CLARK, of 365 Carol Dr., Great Falls County of Cascade  
State of MONTANA have appropriated groundwater according to the Montana laws in  
effect prior to January 1, 1962, as follows:

	N	
	1-2	
	2-2	
W		E
	3-2	

Lot 4 and S  
Sec. 32 T. 9 R. 22

2. The beneficial use on which the claim is based

1 - Household use

2 - Watering stock

3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been

1 - 1953 - continuous

2 - 1953 - continuous

4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) 1 - 5 gal per minute

2 - 5 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water  
has been applied and name of the owner thereof no irrigation

6. The means of withdrawing such water from the ground and the location of each well or  
other means of withdrawal 1 - Electric Pump

2 - Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or  
other works for withdrawal of groundwater 1 - 1953

2 - 1953

1 - 30 feet

2 - 30 feet

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general  
specifications of any other works for the withdrawal of groundwater

1 - 105 feet deep - 4" casing

2 - 16 feet deep - cased

10. The estimated amount of groundwater withdrawn each year

1 - 10,000

2 - 20,000

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy  
of this act, including reference to book and page of any county record

Date 12/31/63

Signature of Owner

William Ann Clark  
By WAC

STATE OF MONTANA, ) County of Carbon ss.

Having first been duly sworn, depose and say that  
he of lawful age and the appropriator and claimant of the  
order and water right mentioned in the foregoing declaration of vested groundwater rights  
and the person whose name subscribed thereto, as the appropriator  
and claimant, that he know the contents of said foregoing notice and that the  
matters and things therein stated are true.

Subscribed and sworn to before me, this day of , 19

Notary Public for the State of Montana.

Residing at

My Commission expires

42,960



#732

159435

STATE OF MONTANA.  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1963  
at 1:25 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEV, COUNTY CLERK  
Clerk and Recorder  
By Alie E. Graves Deputy

Fees \$ 2.00

# GROUNDWATER INDEX

Page 1 of 1

County Carbon Twp. 9 S Rge. 23 E

[illegible]

✓ Statement of water right filing within the Yellowstone Area  
Carbon County, Montana  
Chapter 92- 1953 Session Laws

Basin of  
Silver Tip  
Clarks Fork

Name of Appropriator United States of America  
Department of the Interior, Bureau of Land Management

Address

Date of Appropriation

February 19, 1960

Quantity of Water Appropriated:

0.032 cubic feet per second of time of  
water from Higham Well

Name of Stream, or Source of Water:

SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 9, T9S, R23E

Purpose for which Appropriated:

Livestock water and other useful purposes

Means of Diversion:

A Well with 6" I.D. Casing

Measuring Device Installed:

Adjudicated or Non-Adjudicated Stream:

Recorded 1th day of March A.D., 19 60 , at 1:05 o'clock P. M.

Book 38 of Miscellaneous Page 138 , records of Carbon County, Montana

STATE ENGINEER

George W. Flaskerud, Clerk & Recorder  
Carbon County, Montana.

COPIED

*This group of findings evidently stand water not in company. 18*  
Statement of water right filing within the Yellowstone Area  
Carbon County, Montana  
Chapter 92- 1953 Session Laws  
Silver Tip Cr  
Clarks Fork Basin

\*-----\*

Name of Appropriator UNITED STATES OF AMERICA; Department of the  
Interior Bureau of Land Management  
Address  
Date of Appropriation: February 19, 1960  
Quantity of Water Appropriated: 0.033 cubic feet per second of time  
of The water from Gobbler Draw Well  
Name of Stream, or Source of Water: NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 18, Township 9S,  
Range 23E  
Purpose for which Appropriated: livestock water and other useful  
purposes  
Means of Diversion: A Well with 4" I.D. Casing  
Measuring Device Installed:  
Adjudicated or Non-Adjudicated Stream:

Recorded 4th day of March A.D., 1960 , at 1:02 o'clock P.M.  
Book 38 of Miscellaneous Page 137 , records of Carbon County, Montana

George W. Flaskerud, Clerk & Recorder  
Carbon County, Montana.

STATE ENGINEER

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23

T. 9 S. R. 23 E.

County Carbon

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Long draw wells

WATER WELL LOG


Owner Bureau of land Management Address Bridger, Montana

Driller B & H Drilling Address Fishtail, Montana

Date Started 8/29/60 Date Completed 9/1/60

Location: Sec. 23 T. 9 S. R. 23 E. 1/4 sec. NW 1/4

Type of well Drilled Equipment used Churn Drilled  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 71 ft. Type Black Size 6 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 61 to ft. 50 Ft. to ft.

Type of screen or perforations Perforated cutting torch

Static Water level, for non-flowing well: 35 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 60 feet at 9 gal. per min.

How tested: Bailor

Length of test: One Hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

RECEIVED  
OCT 4 1960

(over)

STATE ENGINEER



Log of Well T 9S, R23E, Sec.23, NW $\frac{1}{4}$ NW $\frac{1}{4}$

[illegible]



RECEIVED

NOV 3 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

	9	

Owner Bureau of Land Management Address Bridger, Montana

Driller B and H Drilling Address Fishtail, Montana

Date Started 10/7/58 Date Completed 10/10/58

Location: Sec. 9 T. 9 S R. 24 E  $\frac{1}{4}$  sec. NW1/4 NE1/4

Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 78 ft. Type Black Iron Size 6-5/8 OD - 6" ID

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 64 to ft. 75 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Perforated with cutting torch

Static Water level, for non-flowing well: 54 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 65 feet at 15 gal. per min.

How tested: Baler

Length of test One Hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Cemented top 36 in. of casing

(over)

### Log of Well

[illegible]

*Location?  
Stock well*

Statement of Water Right filing within the Yellowstone Area  
Carbon County, Montana  
Chapter 92-1953 Session Laws *T95 R24E  
Sec. 9*

-----  
Name of Appropriator Bureau of Land Management  
Address Montana Grazing District No. M-4  
Bridger, Montana  
Date of Appropriations: October 10, 1958  
Quantity of Water Appropriated: approx. .033 cu. ft. per second of time  
of the Reverse FF Bar Well.  
Name of Stream, or, Source of Water:  
Purpose for which Appropriated: livestock water & other purposes  
Means of Diversion: well with 6" casing.  
Measuring Device Installed:  
Adjudicated or Non-Adjudicated Stream:

Recorded 30th day of October A.D., 1958, at 2:10 o'clock P.M.  
Book 36 of Misc., Page 241, records of Carbon County,  
Montana.

Ted A. Schmits, Clerk & Recorder  
Carbon County, Montana.

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Page 1 of 1

County Carbon Twp. 95 Rge. 25E

[illegible]



File No. 240

Approved Stock Form—State Publishing Co., Helena, Montana—41921

T. 9. South 25 East

DUPLICATE  
MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Carbon

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

B. P. LOYNING, INC.

of

Bridger

(Name of Appropriator)

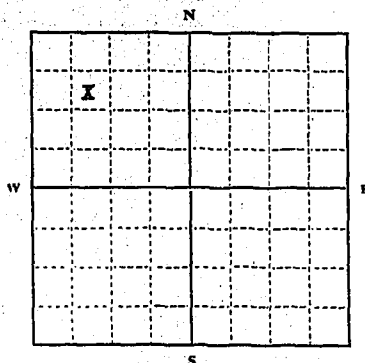
(Address)

(Town)

County of Carbon

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW Sec. 4, T. 9S. R. 25E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1920; continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 miner's inches.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump; north-west corner of the Southeast Quarter of the Southwest Quarter of Section 4, Township 9 South, Range 25 East, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 27, 1920, commenced; May 1, 1920, completed.

8. The depth of water table 75 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater pipe inserted, 2" pipe, 75 feet deep.

10. The estimated amount of groundwater withdrawn each year 16,000 gallons.

11. The log of formations encountered in the drilling of each well if available.

Not applicable.

12. Other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Not applicable.

B. P. LOYNING, INC., a corporation,

By B. P. Loyning President.

Date December 6, 1963.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

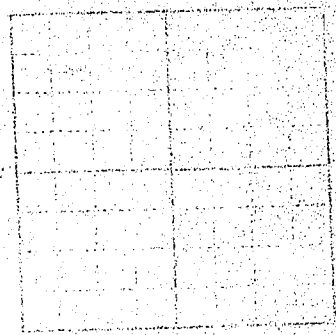
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

43,433

#240

158737



STATE OF MONTANA,  
COUNTY OF CARBON SS,  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water Approp. was filed  
for record in my office this 6 day  
of Dec. A. D. 1963  
at 3:20 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

By Sony D. Zupan Deputy  
Fees \$ 2.00 pd.

OW 2  
File No. 1156

DUPLICATE

LOG

Top of Ground  
Surface (above sea level 4,795 ft.)

Gray  
Clay

Static Water -67 feet

Shale  
Water yield 1 gal/minute

Gray  
Clay

Sandstone  
Water yield 1 1/2 gal/minute

Gray Clay

Red Clay

Fine Sandstone  
Water yield 3 gal/minute

367' - Bottom

Show exact depth of bottom.  
367 feet

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

Approved Stock Form—State Publishing Co., Helena, Montana—42310

Knoll Water Well R-292  
T. 9 S. R. 25 E.

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Land Management Address 3310 4th Avenue North  
Billings, Montana 59101

Driller Richard Briggs Drilling Co. Address Dillon, Montana

Date of Notice of appropriation of groundwater NA

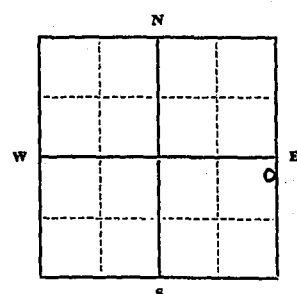
Date well started 12-21-65 Date completed 2-2-66

Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ wildlife

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" casing	0	60	Torch	60	90
	24#/ft.			3/8"		
	6" casing			wide	200	225
	20#/ft.			8" long @ 4" intervals	320	367



Static Water Level for non-flowing well  
67 feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 350 feet  
at 5 gal. per minute.

Discharge in gal. per min. of flowing well  
NA

How Tested Bailing

Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Rubber packers installed at 60', 200' and 320'.

Approximately seven (7) feet of pea sized gravel placed to the bottom of the hole.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Use will be for domestic livestock and wildlife on Public Domain lands.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

43,796

**166280**

STATE OF MONTANA  
COUNTY OF CARBON SS.

Office of the County Clerk &amp; Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 25 day  
of March A. D. 19 66  
at 1:45 o'clock P. M.

Attest my hand and the seal of

said County Frank Danclik

By \_\_\_\_\_ Deputy

Page: 200

[illegible][illegible]

1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	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G - Helena Independent Record  
File No. 1109  
DUPLICATE

T. 25. N. R. 25. E.  
County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

School District No. 16

of Maxrah, Montana

(Name of Appropriator)

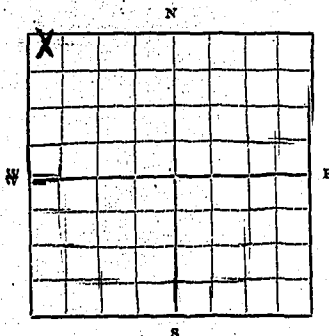
(Address)

(Town)

County of Carbon

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. 1/4 Sec. 15, T. 25. N. R. 25. E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: Domestic, Household, Lawn, Garden, Fire protection, Livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Dec. 15, 1959, use has been continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: School District #16 & Rose Olsen
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Deep Well pump 1 h.p. motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: December 15, 1959
8. The depth of water table: 140 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 143 feet 6 inch casing
10. The estimated amount of groundwater withdrawn each year: 365,000 to 1,000,000 gallons.
11. The log of formations encountered in the drilling of each well if available: Sedimentary & limestone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: School District # 16 Clerks Record Book.

School District Chairman

Signature of Owner Alvin C. Skene

Date 8-28-62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

43,643

#1109

164897

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder.

I hereby certify that the within

Water filing was filed  
for record in my office this 11 day  
of Oct A. D. 1965  
at 8:35 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANIGER, COUNTY CLERK

Clerk and Recorder

by Joseph A. Zupan Deputy

Page 3



GW 2

File No. 1155

DUPLICATE

LOG

Top of Ground  
Gravel  
(Elev. above sea level 4,550')

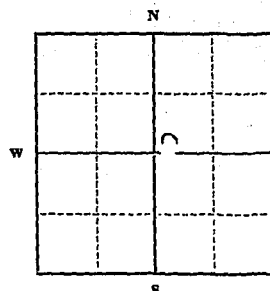
Clay

MONTANA WATER RESOURCE BOARD

RECEIVED

JAN 26 1968

Clay w/Limestone

175' Sandstone  
1 gal/minute water yield205' Sandstone  
5 gal/minute water yield250' Sandstone  
2 gal/minute water yield  
238' Bottom of Well

SW 1/4 NE Sec. 23 T. 29 S. R. 25 E  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

Approved Stock Form—State Publishing Co., Helena, Montana—4225

Roadside Well M4-R-291

T. 9 S. R. 25 E.

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 287, Montana Session Laws, 1961)

Owner Bureau of Land Management Address 3310 4th Avenue North  
Billings, Montana 59101

Driller Richard Briggs Drilling Co. Address Dillon, Montana

Date of Notice of appropriation of groundwater NA

Date well started 2/7/66 Date completed 2/18/66

Type of well drilled Equipment used Cable Tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ Wildlife

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6"	+2	238	3/8" wide	175'	185'
	20#/ft.			8" long	200'	220'
				at 4" intervals	225'	235'

Static Water Level for non-flowing well 59 feet

Shut-in Pressure for Flowing Well NA

Pumping Water Level 150 feet  
at 2 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Bailer

Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Rubber packers set at 170', 195', 220'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Use will be for domestic livestock and wildlife on

Public Lands.

Show exact depth of bottom.  
238 feet

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 148

Driller's Signature

43,795

166279

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk &amp; Recorder

I hereby certify that the within  
Water Appropriation was filed  
 for record in my office this 25 day  
 of March A. D. 1966  
 at 1:40 o'clock P.

Attest my hand and the seal of

State County: Frank Duick

By \_\_\_\_\_ Deputy

UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

I hereby certify that the above is a true and correct copy of the original as the same appears in the records of the Department of the Interior.  
 \_\_\_\_\_  
 Director

[illegible]

File No. 1165

T. 9 S. R. 25 E.

DUPLICATE

County Carbon

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

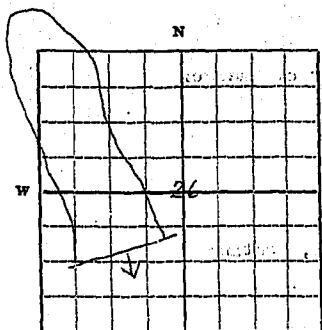
(Under Chapter 21, Montana Session Laws, 1965)

1. U.S.D.I., Bureau of Land Management, of 3310 4th Avenue North, Billings, Montana  
(Name of Appropriator) (Address) (Town)

County of Yellowstone

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/4 Sec. 26 T. 9S. R. 25E., PM.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based for livestock, water-fowl, wildlife, sediment control, pollution control, flood control, recreational uses, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been water used since 1948 by Bureau of Land Management for livestock, construction, wildlife, waterfowl and used to present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 65,000 miner's inches or 1547 acre feet

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Owner: Bureau of Land Management. Water to be spread on Sections 25, 26, & 35, T. 9 S., R. 25 E., PM.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water to be stored in a water control structure (or detention dam) in the W 1/4 Section 26, T. 9 S., R. 25 E., PM.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Work to begin July 1968. Completion in October 1969.

8. The depth of water table Water stored in Detention Dam approximately 15 feet in depth.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Water will be stored in a detention dam in the W 1/4 Section 26, T. 9 S., R. 25 E., PM. Acre Feet: Approximately 1547. Water backed 2,400 feet. Source of water from all of Sections 1,2,3,4,5,6,7,8,9,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33, T. 8 S., R. 26 E., PM., & Sections 19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36, T. 7 S., R. 26 E., PM., & Sections 4,5,6,7, T. 9S., R. 26E., PM., & Sections 23,24,25,26,27,28, 29,32,33,34,35,36, T. 7S., R. 25E., PM., & Sections (see below)

10. The estimated amount of groundwater withdrawn each year. 1400 Acre Feet

11. The log of formations encountered in the drilling of each well if available. All construction, designs, specifications and other available information will be at the Bureau of Land Management District Office, 3310 4th Avenue North, Billings, Montana 59101.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Bureau of Land Management

By: Signature of Owner

Dante Solari, District Manager

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

continued from 19. Sections 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,17,16,18,19,20,21,22,23,24,25,26, 27,28,29,30,31,32,33,34,35,36, T. 8S., R. 25E., PM., & Sections 1,2,3,4,5,8,9,10,11,12,13,14,15,16, 17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34, T. 9S., R. 25E., PM.

43784

#1165

166764

STATE OF MONTANA  
COUNTY OF CARBON SS.  
I, Frank Danichek, County Clerk & Recorder

do hereby certify that the within  
Water filing was filed  
for record in my office this 26<sup>th</sup> day  
of May A.D. 1966  
at 11:25 o'clock A. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder  
By Tommy J. Zupar Deputy  
Fees \$ 2.00 pd.

T 9S R 25E 33

County Carbon

Frigger Lease Well #1

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

## WATER WELL LOG


Owner Continental Oil Co.

Address Box 878, Powell, Wyo.

Driller

Address

Date Started 7-14-40

Date Completed 8-31-40

Location: Sec. 33 T. 9S R. 25E 1/4 sec. SE SE SE

Type of well Drilled

(Dug, driven, bored, or drilled)

Equipment used Rotary

(Churn drill, rotary, other)

Water use: Domestic

☐

Municipal

☐

Stock

☐

Irrigation

☐

Industrial

☒

Drainage

☐

Other:

Casing: Surface ft. to 3502 ft.

Type H-43

Size 7" OD

Casing: 3449 ft. to 3688 ft.

Type

Size 5"

Casing: ft. to ft.

Type

Size

Perforated or Screened: Ft. 3574 to ft. 3684 Ft. 3521 to ft. 3553

Type of ~~screen~~ perforations bullet

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 3574 feet at 490 BW/Mo. gal. per min.

How tested: Tank Test

Length of test 24 Hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well is producing oil and water.

(over)

# Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	76	Sand, Gravel & Shale
76	84	Sand & Shale
84	475	Shale, Grey
475	864	Shale, Sandy
864	874	Sand (Top Frontier)
874	910	Shale, Gray
910	917	Shale, Sandy
917	921	Sand, White, Hard, Dry
921	939	Sand, Soft, Wet
939	978	Sand, Shaley
978	1034	Shale, Sandy
1034	1110	Sand, Hard
1110	1300	Shale, Sandy
1300	1395	Shale & Bentonite
1395	1630	Shale, Sandy
1630	1665	Shale
1665	1721	Shale, Sandy
1721	1910	Shale, Black
1910	1934	Shale, Limey
1934	1975	Shale, Black
1975	1985	Shale & Sand
1985	2043	Shale
2043	2070	Shale
2070	2090	Shale, Brn. w/streaks sand
2090	2120	Shale
2120	2214	Shale & Bentonite
2214	2244	Shale, Sand
2244	2278	Shale & Sand
2278	2302	Shale
2302	2383	Shale & Bentonite
2383	2485	Sand
2485	2497	Shale
2497	2549	Shale
2549	2564	Shale & Bentonite
2564	2642	Shale, dark gray
2642	2648	Sandy gypsum, grayish white
2648	2735	Shale, gray
2735	2777	Sand and shale
2777	2857	Varigated shale & Bentonite
2857	2900	Shale, gray w/streaks anhydrite
2900	2937	Shale, pink, top pink shale 2900
2937	2995	Shale, pink and gray w/streaks anydrite
2995	3314	Red beds, top of Red beds - 2995
3314	3460	Red beds w/streaks gray shale
3460	3480	Red beds w/streaks gypsum
3480	3490	Anhydrite, white
3490	3510	Lime, sandy, top Embar 3490
3510	3423	Dolomite, saturated
3523	3561	Sand, Saturated, top of Tensleep 3523
3561	3562	Hard, dense limestone

RECEIVED  
SEP 4 1957  
STATE ENGINEER



T. 9S R. 25E

County Carbon  
Merrill Lease Well #1

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

X			

Owner Continental Oil Co. Address Box 878, Powell, Wyo.  
Driller Address  
Date Started 7-3-41 Date Completed 10-11-41  
Location: Sec. 34 T. 9S R. 25E 1/4 880 SW 8W

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Rotary (Churn drill, pump, or)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☒ Drainage ☐ Other:

Casing: Surface ft. to 3487 ft. Type - Size 1 1/2"  
Casing: 3423 ft. to 3500 ft. Type J-55 Size 1"  
Casing: ft. to ft. Type Size  
Perforated or Screened: Ft. 3465 to ft. 3485 Ft. 3436 to ft. 3443

Type of perforations Bullet

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 3436 feet at 780 BW/Ho. gal. per min.

How tested: Tank Test

Length of test 24 Hours.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well is producing oil and water.

(over)

# Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	40	Gravel
40	60	Gravel
60	118	Shale
118	175	Gravel & Shale
175	279	Sand and Shale
279	440	Shale
440	523	Shale & Sand
523	665	Shale
665	780	Black shale
789	895	Sand
895	928	Sand streaks w/shale
928	954	Sand
954	1104	Sand & Shale
1104	1832	Shale
1832	1850	Sand
1850	1953	Shale & Sand
1953	1965	Black Shale
1965	2018	Variagated shale
2018	2040	Sand & Shale
2040	2085	Gray shale
2085	2180	Shale
2180	2200	Sand & Shale
2200	2225	Shale
2225	2397	Sand & Shale
2397	2432	Sand and Shale
2432	2610	Shale
2610	2710	Shale & Sand
2710	2775	Shale & Lime
2775	2865	Shale
2865	2885	Red Shale
2885	2915	Gypsum
2915	2930	Red Shale
2930	2972	Red Beds
2972	3428	Red Beds
3428	3441	Anhydrite, lime, brown & grey shale
3441	3446	Anhydrite
3446	3466	Hard tight medium saturated limey sand
3466	3476	Saturated sand - hard
3476	3496	Hard tight medium saturated limey sand
3496	3508	Sandy lime, slight saturation
3508	3512	Soft saturated sand
3512	3541	Sand and lime
3541	3544	Medium hard, tight saturated sand.
3544	3556	Hard tight saturated sand
3556	- 7.5.	

RECEIVED  
SEP 1 1957

STATE ENGINEER

Helena Independent Record  
File No. 42

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

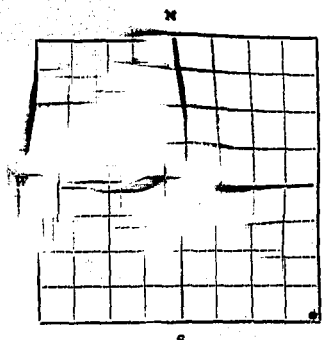
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

T. 9 S. R. 25 E.  
County Carbon  
**RECEIVED**  
MAY 24 1963  
STATE ENGINEER

Audrey B. Elton  
(Name of Appropriator)

of Ironville Wyo  
(Address) (Town)

County of Carbon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 36 T. 9 S. R. 25 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household Watering Lawn & Garden & Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since May 1957  
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden & Lawn  
Mrs. Audrey B. Elton

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Pressure Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Feb 21, 1957 - Feb 28, 1957

8. The depth of water 35 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in casing 60 ft.

10. The estimated amount of groundwater withdrawn each year 500 acre ft.

11. The log of formations encountered in the drilling of each well if available None was made

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Audrey B. Elton

Date July 20, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

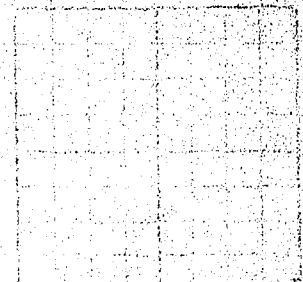
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4475

#42

154251



STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water Approp. was filed  
for record in my office this 28<sup>th</sup> day  
of July A. D. 19 62  
at 10:30 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Jerry J. Zupan Deputy

Power 3 200 pd.

# GROUNDWATER INDEX

Page 1 of 1

County Carbon Twp. 9-S Rge. 26-E

[illegible]

File No. 1102

DUPLICATE

T. 9 S. R. 26 E. P.M.M.

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD  
RECEIVED  
JAN 26 1968

Date of Appropriation of Groundwater August 27, 1965

Owner Bureau of Land Management 3310 4th Avenue North  
Billings, Montana

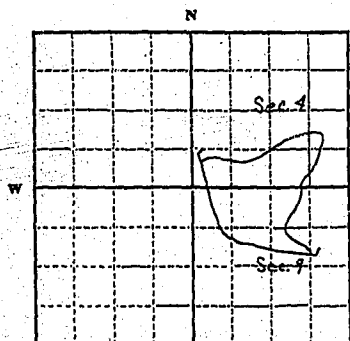
Contractor (if any) not applicable

Address of Contractor not applicable

Date Started Aug. 1, 1965 Date Completed

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Water to be detained by means of a  
detention dam in sections 4 & 9 on the Bear Canyon

Drainage in T. 9 S., R. 26 E., P.M.M.



various  
1/4 Sec. 469 T. 9 S. R. 26 E.

Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Water will be  
used on a year long basis for water control, wildlife

use, public recreation use, and control  
of downstream sedimentation. To be approximated  
49,222,800 cubic feet. Based on rainfall data.  
Determination made from use of planning method.

Bureau of Land Management

Signature of Owner  
By: Dante Solari, District Manager

Date August 27, 1965

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the  
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Mon  
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

43112



#1102

164631

STATE OF MONTANA,  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed  
for record in my office this 31 day  
of August A. D. 1965  
at 11:5 o'clock P. M.

Attest my hand and the seal of

said County

Frank Staudsik

Clerk and Recorder

By

Deputy

Fees \$

2.00

Statement of water right filing within the Yellowstone Area  
Carbon County, Montana  
Chapter 92- 1953 Session Laws

Bear Creek  
Sage " "  
Shoshone R  
Big Horn

10

Name of Appropriator

United States of America  
Department of the Interior Bureau of Land  
Management

Address

Date of Appropriation:

February 19, 1960

Quantity of Water Appropriated:

0.040 cubic feet per second of time of  
the water from Bear Canyon Well

Name of Stream, or Source of Water:

NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 10, T9S, R26E.

Purpose for which Appropriated:

Livestock water and other useful  
purposes

Means of Diversion:

A Well with 6" I.D. Casing

Measuring Device Installed:

Adjudicated or Non-Adjudicated Stream:

Recorded 11th day of March A.D., 1960, at 1:18 o'clock P. M.  
Book 38 of Miscellaneous Page 144, records of Carbon County, Mont.

STATE ENGINEER

George W. Flaskerud, Clerk & Recorder  
Carbon County, Montana.

COPIED

Statement of water right filing within the Yellowstone Area  
Carbon County, Montana  
Chapter 92- 1953 Session Laws

14  
Sage Co - Shoshone  
- Big Horn R -  
- 1960

\*-----\*-----\*-----\*-----\*-----\*-----\*-----\*-----\*-----\*  
Name of Appropriator United States of America  
Address Department of the Interior Bureau of Land Manage-  
ment  
Date of Appropriation: February 19, 1960  
Quantity of Water Appropriated: 0.223 cubic feet per second of time  
of the Water from Wheel Scraper Well  
Name of Stream, or Source of Water: SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 14, T9S, R26E.  
Purpose for which Appropriated: Livestock water and other useful  
purposes  
Means of Diversion: A Well with 6" I.D. Casing  
Measuring Device Installed:  
Adjudicated or Non-Adjudicated Stream:

Recorded 4th day of March A.D., 1960, at 1:11 o'clock P. M.  
Book 38 of Miscellaneous Page 141, records of Carbon County, Mont.

George W. Flaskerud, Clerk & Recorder  
Carbon County, Montana.

STATE ENGINEER

COPIED

OW 2

Fence Line Well

M4-R-298

Approved Stock Form—State Publishing Co., Helena, Montana—4232

File No.

1124

T. 9 S. R. 26 E.

DUPLICATE

County Carbon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

3310 4th Avenue North

Owner Bureau of Land Management Address Billings, Montana

Driller Briggs Drilling Company Address Dillon, Montana

Date of Notice of appropriation of groundwater Nov. 18, 1965

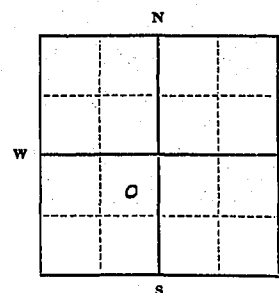
Date well started 10-18-65 Date completed 11-15-64

Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ Wildlife

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Static Water Level  
300'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" 20#/ft.	0'	616'	1/2" width by 4" in length torch	300	320
					385	405
					560	600



Static Water Level for non-flowing well  
300 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 500 feet  
at 6 gal. per minute.

Discharge in gal. per min. of flowing well  
N.A.

How Tested Baling

Length of Test Four (4) hours

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Packers installed above each  
aquifer zone 300', 385', and  
560'. Gravel placed at the

NE 1/4 Sec. 15 T. 28 S. R. 26 E.  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

bottom of the hole.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state  
number of acres and location or other data (i.e.: Lot, Block and Addi-  
tion).

Water will be used for domestic livestock and  
wildlife.

598' Principal Aquifer zone  
Tensleep Sandstone

Show exact depth of bottom.  
616'

This form to be prepared by driller, and three copies to be filed by the owner with the  
County Clerk and Recorder in the county in which the well is located, tissue copy to be  
retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be  
returned.

148  
Driller's License Number

Driller's Signature

43,801





OW 24

Approved Stock Form—State Publishing Co., Helena, Montana—4232

File No. 1128

MONTANA WATER RESOURCES BOARD

T. 9 S. R. 26 E.

DUPLICATE

LOG

RECEIVED

JAN 26 1968

County CarbonSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater  
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

3310 4th Avenue North

Billings, Montana

Top of Ground

Soil

(Elev. above sea level 4955)

Soil and sandstone

Clay

85 ft. sandstone, grey

89 ft. static water level

Quartz - 3 gallons/minute

2 gallons/minute

110 ft. sandstone

Clay

145 ft. sandstone and limestone

0.50 gallons/minute  
Tensleep Formation

0.75 gallons/minute

185 ft.

Clay, grey

Clay, grey

275 ft.

Clay, red

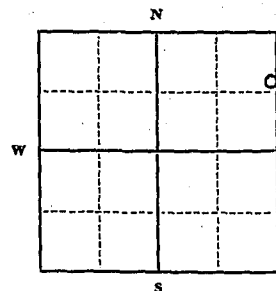
Show exact depth of bottom.

297 ft.

Owner Bureau of Land Management Address Billings, MontanaDriller Briggs Drilling Company Address Dillon, MontanaDate of Notice of appropriation of groundwater NADate well started 11-13-65 Date completed 11-24-65Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ Wildlife

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	20#/ft.	0	297	Torch	90	115
				3/8" wide	152	175
				6" long		

Static Water Level for non-flowing well 89 feet.Shut-in Pressure for Flowing Well NAPumping Water Level 150 feetat 6 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested BalerLength of Test 4 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Rubber packers set at the 88 foot level and at the 150 foot level.NE 1/4 Sec. 17, T. 9S, R. 26E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Use will be for domestic livestock and wildlife on

Public Lands.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 148Driller's Signature Richard Briggs

43,798



#1128

DO NOT WRITE

165407

RECEIVED

NO. 165407

FILED

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

Whereby certify that the within

Water filing was filed

for record in my office this 10 day

of Dec. A. D. 1965

at 9:50 o'clock A.M.

I bear my hand and the seal of

said County

**FRANK DANICHEK, COUNTY CLERK**

By Don J. Zupar Deputy

Fees \$ 2.00

RECEIVED

NO. 165407

FILED

File No. 1164

T. 9 S. R. 26 E.

DUPLICATE

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

JAN 26 1968

County Carbon

Bear Canyon

Detention Dam

## Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

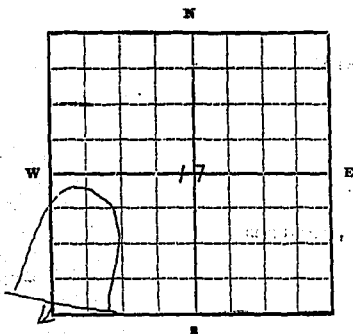
USDI,

1. Bureau of Land Management, of 3310 4th Avenue North, Billings, Montana  
(Name of Appropriator) (Address) (Town)

County of Yellowstone

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 17 T. 9 S. R. 26 E., PM.

SE 1/4 Sec. 18  
Indicate point of appropriation and  
place of use, if possible. Each small  
square represents 10 acres.

2. The beneficial use on which the claim is based for livestock water, wildlife, flood control, sediment control, pollution control, and recreational uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been stated Sept. 13, 1965, and continual use to present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80,000 miner's inches or 500 acre feet or Peak discharge of 2,000 c.f.s.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Owner: U.S.D.I. Bureau of Land Management

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water to be stored in a detention dam (water control structure) in Sections 17 and 18, T. 9 S., R. 26 E., PM.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater work to commence April 1967 and completed by October 1968.

8. The depth of water table. Average depth of water stored is approximately 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Water will be stored in a Detention Dam in Sections 17 and 18, T. 9 S., R. 26 E., PM. Acre feet: Approximately 500. Structure approximately 100,000 cubic yards in size. Water backed 1300 feet. Source of water from Sections 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 34, 35, T. 8 S., R. 26 E., PM. Sections 18 and 19, T. 8 S., R. 27 E., PM. Sections 3, 4, 8, 9, 16, 17, and 18, T. 9 S., R. 26 E., PM.

10. The estimated amount of groundwater withdrawn each year. N.A.

11. The log of formations encountered in the drilling of each well if available Construction specifications, designs, and other available information at the Bureau of Land Management, District Office, 3310 4th Avenue North, Billings, Montana 59101.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

BUREAU OF LAND MANAGEMENT

By: Signature of Owner

Dante Solari, District Manager

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

43,783

#1164

166763

STATE OF MONTANA }  
COUNTY OF CAUSEN }

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 27 day  
of May A. D. 1944  
at 11:20 o'clock A. M.

Attest my hand and seal of office  
this 27 day of May A. D. 1944  
at CAUSEN County

By Frank D. [Signature]  
County Clerk

Consolidated for the Year 1944  
On May 10, 1944, the County Clerk and Recorder  
of Causen County, Montana, received from the  
[Name] a copy of a [Type of Document] which  
he is hereby filing for record in my office.

This document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

The within document is being filed for record in my office as a [Type of Document] and is being filed in accordance with the provisions of the Montana Code of Laws, Chapter 10, Section 10-101, which provides that all [Type of Document] shall be filed for record in the office of the County Clerk and Recorder of the County in which the same are made.

GW12

File No. 1148

DUPLICATE

LOG

Approved Stock Form—State Publishing Co., Helena, Montana—4232

T. 9 S. R. 24 E.

County CarterSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Gray clay  
MONTANA WATER RESOURCES BOARD

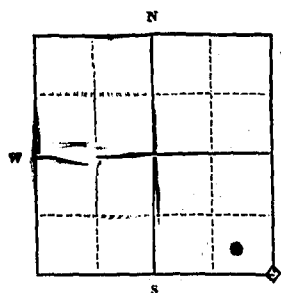
RECEIVED

JAN 26 1968

Owner Bureau of Land Management Address Billings, MontanaDriller Richard Briggs Drilling Co. Address Dillon, MontanaDate of Notice of appropriation of groundwater NADate well started Dec. 1, 1965 Date completed Dec. 14, 1965Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ Wildlife

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	8" casing 24#/ft.	0	39	Torch 3/8"	230	240
	6" casing 20#/ft.	39	427	Wide 8" long at 4"	300	325
				intervals	397	407

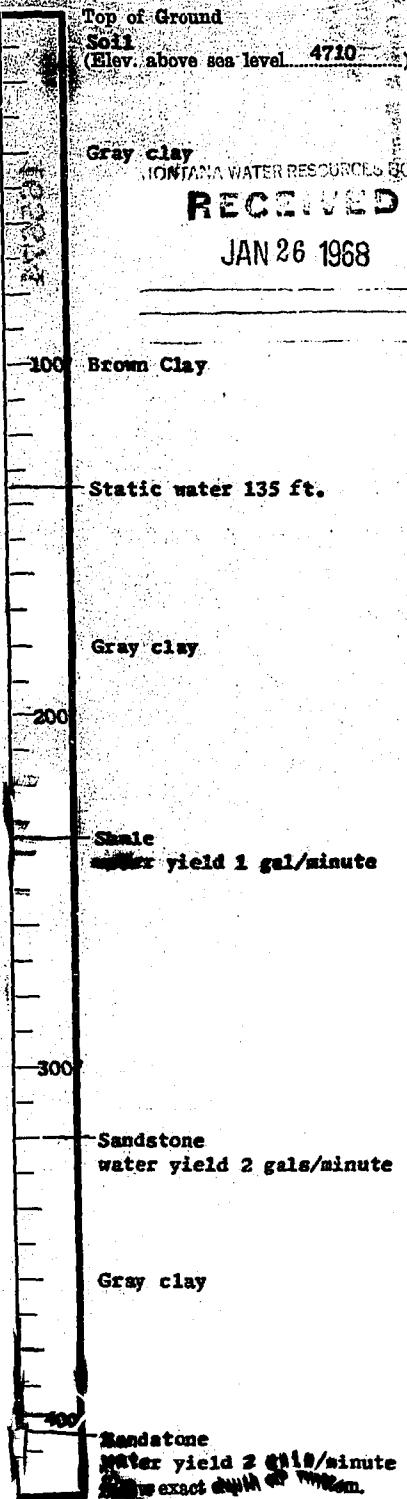
Static Water Level for non-flowing well 135 feetShut-in Pressure for Flowing Well NAPumping Water Level 275 feet  
at 5 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested BalerLength of Test 4 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) rubber packers installed at 230 feet, 300 feet, and 397 feet.SE 1/4 Sec. 20 T9S R26E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Use will be for domestic livestock and wildlife on

Public Lands.



427 feet.

This form to be filed with the County Clerk, and three copies to be filed by the owner with the County Clerk and the County Engineer, in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

43,797

165674

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.  
Office of the County Clerk &

I hereby certify that the within  
Water filing was filed  
for record in my office this 10 day

for record in my office this  
of Jan. A.D. 1966  
at 9:55 o'clock P.M.

Attest my hand and the seal of  
said County

~~FRANK DANICHEK, COUNTY CLERK~~

By Long J. Zupan  
2nd

I hereby certify that the within report is a true and correct copy of the original report of the committee on the subject of the proposed amendment to the constitution of the State of New York, as amended, and that the same has been read and approved by the committee.

In testimony whereof, I have hereunto set my hand and the seal of the Senate, at Albany, this 1st day of January, 1891.

JOHN W. ALBANY, Secretary of the Senate.

[illegible]

File No. 1167

T. 9 S. R. 26 E.

DUPLICATE

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

County Carbon

ADMINISTRATOR OF GROUNDWATER CODE

Southside Detention Dam

JAN 26 1968

OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

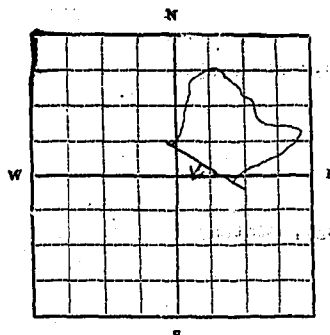
(Under Chapter 21, Montana Session Laws, 1965)

1. U.S.D.I., Bureau of Land Management of 3310 4th Avenue North, Billings, Montana  
(Name of Appropriator) (Address) (Town)

County of Carbon

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 20, T. 9 S., R. 26 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based pollution and erosion control, sediment control, wildlife, flood control, recreation, livestock, waterfowl.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Stakes June 16, 1963.  
Continued use to present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40,000 Miner's Inches, 300 Acre-Feet (1000 g.f.s.)

5. If used for irrigation, the acreage and description of the lands to which water has been applied and name of the owner thereof  
Owner: U.S.D.I., Bureau of Land Management

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Water to be stored in silt storage area of detention dam (water control structure) in Section 20, T. 9 S., R. 26 E., PMM.

7. If The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater work to commence June 1965.

8. The depth of water table Average depth of water stored is approx. 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Approx. 80 Acre Feet of water will be stored in the silt storage area of this detention dam in Sec. 20, T. 9 S., R. 26 E., Size of structure approx. 70,000 cu. yds. Sources of water from Sections 1, 2, 10, 11, 14, 15, 16, 20, 21, 22, T. 9 S., R. 26 E., PMM, Sections 19, 29, 30, 31, 32, T. 8 S., R. 27 E., PMM, Sections 25, 35, 36, T. 8 S., R. 26 E., PMM.

10. The estimated amount of groundwater withdrawn each year N.A.

11. The log of formations encountered in the drilling of each well if available Construction specifications, designs, and other available information at the Bureau of Land Management District Office, 3310 4th Avenue North, Billings, Montana 59101.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Bureau of Land Management

By: Signature of Owner Dante Solari, District Manager

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

43. 785



#1167

165766

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

I, Frank W. Winters, County Clerk & Recorder

I hereby certify that the within

Water filing was filed

in my office this 27 day

of May A. D. 1966

at 11:35 o'clock A. M.

Attest my hand and seal of said County  
FRANK WINTERS, COUNTY CLERK

By Long A. Zupar Deputy

Per Lee pl